AMENDMENTS TO THE CLAIMS

1. (CURRENTLY AMENDED) A method for determining a context for coding, comprising the steps of:

(A) ~~generating a plurality of results by examining a prediction mode for each of~~ evaluating a neighbor condition corresponding to a plurality of neighbor blocks to a current block in a bitstream ~~for~~ of digital video, wherein said neighbor condition comprises (i) a first at least one of said neighbor blocks is subpartitioned to an 8x8 size, (ii) a second at least one of said neighbor blocks has a direct mode of a plurality of prediction modes, (iii) a third at least one of said neighbor blocks has a skip mode of said prediction modes and (iv) a reference index zero flag has a non-zero condition;

(B) generating a plurality of first variables based on said neighbor condition ~~results~~; ~~and~~

(C) calculating a context index increment variable based on said first variables; and

(D) coding said bitstream using a binary arithmetic coding based on a particular context among a plurality of context determined from said context index increment variable ~~first variables~~.

2. (CURRENTLY AMENDED) The method according to claim 1, wherein ~~step (C) comprises the sub-step of: generating a second variable~~ said context index increment variable is based on a sum of two of said first variables.

3. (CANCELED)

4. (CURRENTLY AMENDED) The method according to claim 1, wherein step (B) comprises the sub-step of:

independently setting each of said first variables to ~~a~~ said non-zero condition in response to said neighbor condition ~~results~~ indicating that a corresponding one of said prediction modes is associated with ~~for~~ a same list applicable to a syntax element being coded.

5. (CURRENTLY AMENDED) The method according to claim 1, wherein step (B) comprises the sub-step of:

independently setting each of said first variables to a zero condition in response to said neighbor condition ~~results~~ indicating that a corresponding one of said prediction modes is ~~one of a~~ (i) said direct mode in a first case and ~~a~~ (ii) said skip mode in a second case.

6. (CURRENTLY AMENDED) The method according to claim 1, wherein step (B) comprises the sub-step of:

independently setting each of said first variables to a zero condition in response to said neighbor condition ~~results~~ indicating that a corresponding one of said prediction modes does not ~~uses~~ use a pixel prediction from a same list applicable to a syntax element being coded.

7. (ORIGINAL) The method according to claim 1, wherein each of said first variables comprise a conditioning term flag that describes a functional relationship between a spatially neighboring symbol and a value of said first variables.

8. (ORIGINAL) The method according to claim 1, wherein each of said first variables comprises an absolute value motion vector difference component.

9. (ORIGINAL) The method according to claim 1, wherein said coding comprises context adaptive binary arithmetic decoding.

10. (ORIGINAL) The method according to claim 1, wherein said coding comprises context adaptive binary arithmetic encoding.

11. (CANCELED)

12. (CURRENTLY AMENDED) A system comprising:

a first circuit configured to (i) ~~generate a plurality of results by examining a prediction mode for each of~~ evaluate a neighbor condition corresponding to a plurality of neighbor blocks to a current block in a bitstream ~~for~~ of digital video, wherein said neighbor condition comprises (a) a first at least one of said neighbor blocks is subpartitioned to an 8x8 size, (b) a second at least one of said neighbor blocks has a direct mode of a plurality of prediction modes, (c) a third at least one of said neighbor blocks has a skip mode of said prediction modes and (d) a reference index zero flag has a non-zero condition, ~~and~~ (ii) generate a plurality of first variables based on said ~~results~~ evaluation and (iii) calculate a context index increment variable based on said first variables; and

a second circuit configured to code said bitstream using a binary arithmetic coding based on a particular context among a plurality of context determined from said context index increment variable ~~first variables~~.

13. (CURRENTLY AMENDED) The system according to claim 12, wherein said first circuit is further configured to generate ~~a second variable~~ said context index increment variable based on a sum of two of said first variables.

14. (CANCELED)

15. (CURRENTLY AMENDED) The system according to claim 12, wherein said first circuit is further configured to independently set each of said first variables to ~~a~~ said non-zero condition in response to said neighbor condition ~~results~~ indicating that a corresponding one of said prediction modes is associated with ~~for~~ a same list applicable to a syntax element being coded.

16. (CURRENTLY AMENDED) The system according to claim 12, wherein said first circuit is further configured to independently set each of said first variables to a zero condition in response to said neighbor condition ~~results~~ indicating that a corresponding one of said prediction modes does not ~~uses~~ use a pixel prediction from a same list applicable to a syntax element being coded.

17. (ORIGINAL) The system according to claim 12, wherein said neighbor blocks comprise a first neighbor block left of said current block and a second neighbor block above said current block.

18. (ORIGINAL) The system according to claim 12, wherein said first circuit comprises a context modeling circuit.

19. (ORIGINAL) The system according to claim 12, wherein said second circuit comprises one of a context adaptive binary arithmetic decoder and a context adaptive binary arithmetic encoder.

20. (CURRENTLY AMENDED) A system comprising:

means for (i) ~~generating a plurality of results by examining a prediction mode for each of~~ evaluating a neighbor condition corresponding to a plurality of neighbor blocks to a current block in a bitstream ~~for~~ of digital video, wherein said neighbor condition comprises (a) a first at least one of said neighbor blocks is subpartitioned to an 8x8 size, (b) a second at least one of said neighbor blocks has a direct mode of a plurality of prediction modes, (c) a third at least one of said neighbor blocks has a skip mode of said prediction modes and (d) a reference index zero flag has a non-zero condition, ~~and~~ (ii) generating a plurality of first variables based on said ~~results~~ neighbor condition and (iii) calculateing a context index increment variable based on said first variables; and

means for coding said bitstream using a binary arithmetic coding based on a particular context among a plurality of context

determined from said context index increment variable ~~first variables~~.

21. (NEW) The method according to claim 7, wherein said conditioning term flag is used to code a reference picture index list type of syntax element.

22. (NEW) The method according to claim 8, wherein said absolute value motion vector difference component is used to code a motion vector difference list type of syntax element.

23. (NEW) The system according to claim 12, wherein said first circuit is further configured to independently set each of said first variables to a zero condition in response to said neighbor condition indicating that a corresponding one of said prediction modes is (i) said direct mode in a first case and (ii) said skip mode in a second case.